

# INTERNATIONAL SEARCH REPORT

Inte..... Application No  
PCT/IB2004/003264

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>				
IPC 7	G11B23/03	G11B23/00	G11B33/12	G11B33/04

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 883 126 A2 (INTERNATIONAL BUSINESS MACHINES CORPORATION) 9 December 1998 (1998-12-09) the whole document	1,2,4, 10,11
Y	US 2001/036148 A1 (LIN BO-IN) 1 November 2001 (2001-11-01) the whole document	3,5
X	US 2001/036148 A1 (LIN BO-IN) 1 November 2001 (2001-11-01) the whole document	1,2,4, 10,11
Y	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 10, 31 August 1998 (1998-08-31) -& JP 10 125026 A (MATSUSHITA ELECTRIC IND CO LTD), 15 May 1998 (1998-05-15) abstract; figures 1,4	3,5
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the International search

26 January 2005

Date of mailing of the International search report

01/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Moje, A

## INTERNATIONAL SEARCH REPORT

Inte..... Application No

PCT/IB2004/003264

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 26, 1 July 2002 (2002-07-01) -& JP 2001 256745 A (TDK CORP), 21 September 2001 (2001-09-21) abstract	1-11
A	EP O 288 900 A2 (DEUTSCHE THOMSON-BRANDT GMBH) 2 November 1988 (1988-11-02) the whole document	1-11

## INTERNATIONAL SEARCH REPORT

Inte. \_\_\_\_\_ Application No.  
PCT/IB2004/003264

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0883126	A2	09-12-1998	US DE DE	5946289 A 69804532 D1 69804532 T2	31-08-1999 08-05-2002 23-01-2003
US 2001036148	A1	01-11-2001		NONE	
JP 10125026	A	15-05-1998	JP	3446498 B2	16-09-2003
JP 2001256745	A	21-09-2001		NONE	
EP 0288900	A2	02-11-1988	DE JP	3714251 A1 63279480 A	10-11-1988 16-11-1988